

Dated 2nd January, 1914.

COMMONWEALTH OF AUSTRALIA.

THE POSTMASTER-GENERAL

TO

A. BROWN.

Licence to Use Wireless Telegraphy for Experimental Purposes.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I the Honorable *Agar Wynne*
the Postmaster-General of the Commonwealth of Australia SEND GREETING:

WHEREAS *A. Brown*
of 380 Johnston Street, Abbotsford, in the State of Victoria.

(hereinafter called "the Licensee") is desirous of establishing, erecting, maintaining, and using a system of wireless telegraphy as defined in section 2 of the *Wireless Telegraphy Act 1905*, with the sole object of conducting demonstrations or experiments in wireless telegraphy. AND WHEREAS by reason of the provisions of the *Post and Telegraph Act 1901-1912*, and of the *Wireless Telegraphy Act 1905*, it is unlawful to establish, erect, maintain, or use any station or appliance for the purpose of transmitting or receiving messages by means of wireless telegraphy, except under and in accordance with a licence granted in that behalf by the Postmaster-General, and it is also unlawful, save as in the said Acts provided, to transmit telegrams or other communications by telegraph within the Commonwealth of Australia;

AND WHEREAS the Licensee has made application for this licence;

Now I, *Agar Wynne* the
Postmaster-General aforesaid, in pursuance of the *Wireless Telegraphy Act 1905*, and in exercise of all powers and authorities enabling me in this behalf, do hereby grant to the Licensee from the date of these presents until these presents are determined as hereinafter provided, license and permission—

- (i.) To establish, erect, maintain, and use at the station specified in the First and Second Schedules hereto, appliances for the purpose of transmitting and receiving messages by means of wireless telegraphy (hereinafter called "the licensed appliances") provided that the appliance installed at the station shall be of the character specified in the said First and Second Schedules:

Provided that the licensed appliances shall be worked and the messages shall be transmitted and received solely for the purpose of conducting demonstrations in wireless telegraphy, at public lectures or conducting experiments in wireless telegraphy, and for no other purpose whatever.

AND I do hereby declare that the said licence and permission is granted on and subject to the following conditions and provisions:—

1. In these presents (and in the Schedules hereto) the following words and expressions shall have the several meanings hereinafter assigned to them unless there be something, either in the subject or context, repugnant to such construction (that is to say):—

- (1) The expression "wireless telegraphy" has the same meaning as in the *Wireless Telegraphy Act 1905*.
- (2) The term "telegraph" has the same meaning as in the *Post and Telegraph Act 1901-1912*.
- (3) The expression "naval signalling" means signalling by means of any system of wireless telegraphy between two or more ships of His Majesty's Navy between ships of His Majesty's Navy and Naval Stations or between a ship of His Majesty's Navy or a Naval Station, and any other wireless telegraph station, whether on shore or on any ship.
- (4) The expression "His Majesty's Navy" or "His Majesty's ships" includes ships being part of the Naval Forces of any part of His Majesty's dominions.
- (5) The expression "Australia" includes the territorial waters of the Commonwealth of Australia and of any territory of the Commonwealth of Australia.
- (6) The expression "Military Signalling" means signalling by means of any system of wireless telegraphy between two or more sets of appliances for wireless telegraphy operated by or on behalf of the Military Forces of the Commonwealth of Australia or between one such set of appliances and any other wireless telegraph station.

2. The licensed appliances shall not be used by the Licensee or any other person either on behalf or by permission of the Licensee for the transmission or receipt of messages except messages authorized by this Licence.

3. The Licensee shall observe the provisions of any Regulations from time to time made under the *Wireless Telegraphy Act 1905*, so far as the same are applicable to the Licensee.

4. (a) The licensed appliances shall be so worked as not to interfere with the working of any wireless telegraph station established in Australia by or for the purposes of the Postmaster-General or any Department of the Government of the Commonwealth of Australia, or for commercial purposes, and in particular, with the transmission or receipt of any messages between or at wireless telegraph stations established as aforesaid on land and wireless telegraph stations established on ships at sea. On no account shall His Majesty's ships be called by means of the licensed appliances.

(b) With a view to preventing such interference as aforesaid, the Licensee and every person acting on his behalf or by his permission shall comply with all directions which shall be given to the Licensee by the Postmaster-General or prescribed by the Postmaster-General with respect to avoiding interference between one wireless telegraph station and another.

(c) The licensed appliances shall not without notice, in writing, to the Postmaster-General be altered in respect of any of the particulars mentioned in the First and Second Schedules hereto.

(d) The Licensee shall at all times indemnify the Postmaster-General against all actions, claims, and demands which may be brought or made by any corporation, company, or person in respect of any injury arising from any act licensed or permitted by these presents.

5. (a) The Licensee shall not (either by himself or by any person acting on his behalf or by his permission) by the transmission of any message by means of the licensed appliances or otherwise by the use of the licensed appliances interfere with naval or military signalling.

Interpretation—
clause.

Restrictions
on use of
appliance.

Licence to
observe
regulations as
to wireless
telegraphy.

As to
interference.

Prohibition of
naval and
military
signalling.

(b) Whenever the operators of the said station of the Licensee perceive, through the medium of the instruments used by them, that naval or military signalling is proceeding, they shall refrain from using the licensed appliances until all indication that naval or military signalling is proceeding shall have ceased.

(c) These provisions for the protection of naval or military signalling shall be construed to be without prejudice to the generality of any other provisions of this Agreement.

6. Neither the Licensee nor any person acting on his behalf or by his permission shall divulge to any person (other than properly authorized officials of the Government of the Commonwealth of Australia or a competent legal tribunal) or make any use whatever of any message coming to the knowledge of the Licensee or any such person as aforesaid and transmitted by naval or military signalling or by any system of wireless telegraphy provided or maintained by or for the purposes of the Postmaster-General or any Department of the Government of the Commonwealth of Australia or by any Licensee of the Postmaster-General (other than the Licensee).

Prohibited as to
attorney.

7. The Licensee shall not transmit or cause to be transmitted by wireless telegraphy any message received by him for transmission, or deliver or cause to be delivered to any person any message received by him by wireless telegraphy unless the transmission or delivery of such message has been approved by the Postmaster-General or by any officer duly authorized by him to consent thereto.

Licensee not to
transmit
messages
without
permission of
Postmaster-
General.

This shall not apply to any messages sent or received at any public demonstration of which the Postmaster-General has had notice or at any public lecture or to private messages to or from the Licensee or any officer in the Licensee's employment to any other person in the Licensee's employment not to be divulged to any of the public.

8. The Postmaster-General and his engineers and agents may from time to time and at all reasonable times enter upon the station or other premises in the possession or occupation of the Licensee either solely or jointly with any person or persons for the purpose of inspecting and may inspect any appliances fixed or being in such places respectively for the purpose of sending and receiving messages by wireless telegraphy and all other telegraphic instruments and appliances fixed or being in such stations respectively and the working and the user of such appliances and telegraphic instruments respectively.

Power of
Postmaster-
General to
inspect
appliances.

9. (a) All appliances used or intended to be used under this License shall be so erected, fixed, placed, and used as not either directly or by reason of the working or user thereof to interfere with the efficient or convenient maintenance working or user of any telegraph line of the Postmaster-General, which may from time to time exist or which it is probable that the Postmaster-General may have occasion to erect place fix or use or to expose any such line to risk of damage or to risk of interference with the efficient or convenient working or use thereof.

Interference
with telegraph
line of the
Postmaster-
General.

(b) In case any telegraph line of the Postmaster-General shall be damaged or the efficient working or use thereof shall be wholly or partially interrupted or otherwise interfered with and the Chief Electrical Engineer for the time being of the Postmaster-General's Department shall certify in writing under his hand that such damage interruption or interference has been caused directly or indirectly by any appliances used or intended to be used under this License, or by anything done by or on behalf or with the permission of the Licensee in relation thereto, the Licensee shall on demand pay to the Postmaster-General all costs that shall be reasonably incurred by him in repairing such damage and in removing or altering such telegraph lines so as to restore the same to efficient working order and in adding thereto or substituting therefor either temporarily or permanently any other telegraph line if the said Chief Electrical Engineer shall certify that such addition or substitution is reasonably required.

(c) For the purpose of this article, the expression "telegraph line" has the same meaning as in the *Post and Telegraph Act 1901-1912* and the expression "Telegraph line of the Postmaster-General" includes a telegraph line belonging to or worked by the Postmaster-General or constructed or maintained by him for any Department of the Government or other body or person.

Licensee not to be assigned.

10. Except with the consent in writing of the Postmaster-General the Licensee shall not assign underlet or otherwise dispose of or admit any other person or body to participate in the benefits of the licences powers or authorities hereby granted or any of such licences powers or authorities.

Power to take possession of or control appliances upon emergency.

11. (a) If and whenever, in the opinion of the Governor-General in Council an emergency shall have arisen in which it is expedient for the public service that His Majesty's Government shall have control over the transmission of messages by the licensed appliances, it shall be lawful for the Postmaster-General to demand and call upon the Licensee to hand over to him on behalf of His Majesty's Government so much of the licensed appliances as is within Australia or any part of the licensed appliances and if the said Licensee shall immediately comply with the demand the Postmaster-General or any person authorized by him may enter upon the station specified in the First and Second Schedules and take possession thereof and use them paying the Licensee any sum he may have to pay his employes not engaged by the said Government at the same salaries during the time they retain possession of the said appliances and station.

(b) In the event of the Licensee refusing to hand over the said station and appliances on demand the Postmaster-General may immediately thereupon cancel this licence without prejudice to any steps the Governor-General in Council thinks fit to take to obtain possession of the said station and appliances paying compensation for such acquisition to the owners thereof.

Provisions.

12. The technical details of the herein licensed station are contained in the First Schedule hereto; and the complete scheme of connexions authorized to be employed is shown on the Second Schedule hereto.

Licensee fee.

13. (1) The Licensee shall pay to the Postmaster-General for and in respect of the Licence hereby granted a fee of twenty-one shillings for each year or part of a year the Licence is in force in respect of the stations at which the licensed apparatus is installed.

(2) The fee shall be payable to the Postmaster-General annually in advance.

Provision for revocation of licence.

14. The Postmaster-General may at any time in his absolute discretion give notice in writing to revoke and determine these presents and the Licence or permission hereby given at the end of twenty-four hours from the time of service of such notice and at the expiration of that period the Licence or permission hereby granted shall cease and determine accordingly but without prejudice to any remedy of the Postmaster-General under any covenant or provision herein contained on the part of the Licensee to be observed and performed.

Provision as to compensation.

15. In the event of these presents and the Licence or permission hereby given being revoked and determined by the Postmaster-General under the power hereinbefore contained or any other power thereunto enabling him the Licensee shall not be entitled to any compensation or damages by reason of the determination.

Licensee not to affect Postmaster-General's rights.

16. Nothing in these presents contained shall prejudice or affect the right of the Postmaster-General from time to time to establish erect extend maintain and use any system or systems of telegraphic communication (whether of a like nature to that hereby licensed or otherwise) in such manner as he shall in his discretion think fit neither shall anything herein contained prejudice or affect the right of the Postmaster-General from time to time to enter into agreements for or to grant licences relative to the working and user of telegraphs (whether of a like nature to those hereby licensed or otherwise) or the transmission of messages in any part of Australia by means of wireless telegraphy or by any other means with or to any person or persons whomsoever upon such terms as he shall in his discretion think fit and (save as in this Licence expressly provided) nothing herein contained shall be deemed to authorize the Licensee to exercise any of the powers or authorities conferred on or acquired by the Postmaster-General by or under the *Post and Telegraph Act 1901-1912* or the *Wireless Telegraphy Act 1905*.

Notice.

17. Any notice request or consent (whether expressed to be in writing or not, to be given by or for the Postmaster-General under these presents may be under the hand of the Secretary for the time being to the Postmaster-General's Department and may be served by sending the same by registered letter to the Licensee at the usual or

last known place of residence or business of the Licensee and any notice to be given by the Licensee under these presents may be served by sending the same by registered letter addressed to the Secretary to the Postmaster-General's Department at his official address within the Commonwealth.

18. The Licensee may communicate with any experimental radio telegraph station provisionally authorized or fully licensed by the Postmaster-General for experimental purposes.

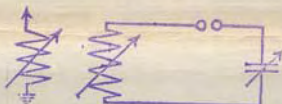
IN WITNESS WHEREOF the Postmaster-General for the Commonwealth of Australia for the time being, and the Licensee have hereunto set their hands and seals the day and year first hereinbefore written.

SCHEDULE ONE.
CHARACTER OF APPLIANCES.

1. Name of licensee and address of Station.	2. Description of transmitting apparatus.	3. Description of receiving apparatus.	4. Wave length to be employed in trans- mitter.	5. Maximum Watt energy permitted to be employed in transmitter.
A. Brown, 380 Johnstone St., Abbotsford. Victoria.	Plate Condenser. Spark Gap, Variable Coupling.	Primary and secondary coils with variable ad- justment.	250	32 watts.
----- X J B I		Variable Con- denser. Telephones 2000 ohms re- sistance. Electrolytic Detector and Potentiometer. Crystal Detec- tor.		

SCHEDULE TWO.

Complete scheme of connexions authorized to be employed in the herein licensed station.
 This drawing, purely diagrammatic, shows the circuits authorized to be employed in both the transmitter and receiver.



Engineer for Radio-Telegraphy
 Dec 15 1913

Signed, sealed, and delivered by the
 Postmaster-General in the presence
 of—

Postmaster General

Signed, sealed, and delivered by the
 said Licensee in the presence of—

*Alfred Brown
 George Bennett
 Leslie Osborne.*